

| Ref # | Hits | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1    | 50   | (US-20010030125-\$ or US-20020142568-\$ or US-20030066606-\$ or US-20030213561-\$ or US-20040020601-\$ or US-20040141832-\$).did. or (US-4351714-\$ or US-4599135-\$ or US-4693779-\$ or US-4825808-\$ or US-4951601-\$ or US-5292393-\$ or US-5380682-\$ or US-5429070-\$ or US-5441615-\$ or US-5494522-\$ or US-5500256-\$ or US-5514260-\$ or US-5523259-\$ or US-5695564-\$ or US-5741405-\$ or US-5769952-\$ or US-5812403-\$ or US-5834068-\$ or US-5858863-\$ or US-5928389-\$ or US-5975740-\$ or US-6069096-\$ or US-6074443-\$ or US-6122566-\$ or US-6132564-\$ or US-6201999-\$).did. or (US-6207005-\$ or US-6224638-\$ or US-6258169-\$ or US-6270582-\$ or US-6336204-\$ or US-6382895-\$ or US-6395094-\$ or US-6454909-\$ or US-6460552-\$ or US-6496746-\$ or US-6576063-\$ or US-6714832-\$).did. or (EP-844314-\$).did. or (JP-06302667-\$ or JP-07283147-\$ or JP-60186015-\$).did. or (EP-844314-\$ or JP-2001023966-\$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/09/06 10:47 |
| L2    | 310  | (156/345.31).CCLS.   | US-PGPUB; USPAT                    | OR               | OFF     | 2005/09/06 10:47 |
| L3    | 2    | cluster with (plurality number) with (deposition etching) with throughput  | US-PGPUB; USPAT                    | OR               | ON      | 2005/09/06 10:48 |
| L4    | 1    | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (chamber with capab\$5 with both with etch\$3 with (coat\$3 deposit\$3))   | US-PGPUB; USPAT                    | OR               | ON      | 2005/09/06 10:48 |
| L5    | 1571 | 118/719.ccls.  | US-PGPUB; USPAT                    | OR               | ON      | 2005/09/06 10:48 |
| S1    | 228  | ((156/345.31.ccls.156/345.32.\$ccls.)).CCLS.   | US-PGPUB; USPAT; USOCR             | OR               | OFF     | 2004/06/11 12:08 |
| S2    | 324  | 156/345.31.ccls. 156/345.32.ccls.  | US-PGPUB; USPAT                    | OR               | ON      | 2005/05/27 18:24 |
| S3    | 2    | (156/345.31.ccls. 156/345.32.ccls.) and (komino.in.)   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 12:09 |
| S4    | 125  | (156/345.31.ccls. 156/345.32.ccls.) and ((multiple several plurality different) adj (processes treatments kinds))  | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 12:30 |
| S5    | 12   | (156/345.31.ccls. 156/345.32.ccls.) and ((multiple several plurality different) adj (processes treatments kinds)) and (single adj chamber)   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 12:14 |
| S6    | 327  | 204/298.26.ccls.   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 12:14 |
| S7    | 105  | 204/298.26.ccls. and (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.)   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 13:14 |
| S8    | 4    | "5514260".URPN.  | USPAT                              | OR               | ON      | 2004/06/11 12:23 |
| S9    | 7    | ("4867859"   "4877505"   "4992153"   "5234561"   "5413684"   "5427671"   "5454919").PN.  | USPAT                              | OR               | ON      | 2004/06/11 12:25 |
| S10   | 35   | (156/345.31.ccls. 156/345.32.ccls.) and (capab\$5 with (multiple several plurality different) with (processes treatments kinds))   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 13:07 |
| S11   | 10   | "4351714".URPN.  | USPAT                              | OR               | ON      | 2004/06/11 12:58 |
| S12   | 8    | ("3180751"   "3502562"   "4062319"   "4126530"   "4204942"   "4265730"   "4268374"   "4274936").PN.  | USPAT                              | OR               | ON      | 2004/06/11 13:00 |
| S13   | 48   | "4599135".URPN.  | USPAT                              | OR               | ON      | 2004/06/11 13:01 |
| S14   | 1    | "3563809".PN   | USPAT                              | OR               | ON      | 2004/06/11 13:07 |
| S15   | 0    | (156/345.31.ccls. 156/345.32.ccls.) and (((each single) adj (chamber) adj capab\$5) with (multiple several plurality different) with (processes treatments kinds))   | US-PGPUB; USPAT                    | OR               | ON      | 2004/06/11 13:10 |
| S16   | 0    | c23c016\$.ipc. and (((each single) adj (chamber) adj capab\$5) with (multiple several plurality different) with (processes treatments kinds))  | EPO; JPO; DERWENT                  | OR               | ON      | 2004/06/11 13:10 |

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|-----|-----|---|------------------------|----|-----|------------------|
| S17 | 0   | (156/345.31.ccls. 156/345.32.ccls.) and ((each single) adj (chamber) adj capab\$5 adj "etching and depositing")   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:11 |
| S18 | 0   | (156/345.31.ccls. 156/345.32.ccls.) and ((each single) adj (chamber) adj capab\$5 adj "etching and depositing")   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:11 |
| S19 | 0   | (156/345.31.ccls. 156/345.32.ccls.) and ((each single) adj (chamber) adj capab\$5 adj "etching and coating")  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:12 |
| S20 | 0   | (156/345.31.ccls. 156/345.32.ccls.) and ((chamber) adj capab\$5 adj "etching and coating")  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:12 |
| S21 | 3   | (156/345.31.ccls. 156/345.32.ccls.) and ((chamber) with capab\$5 with etch\$3 with (deposit\$3 coat\$3))  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:14 |
| S22 | 2   | c23c016\$.ipc. and ((chamber) with capab\$5 with etch\$3 with (deposit\$3 coat\$3))   | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 13:14 |
| S23 | 26  | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (chamber with capab\$5 with both)   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:36 |
| S24 | 6   | ("5344365"   "5515986"   "5944857"   "6079928"   "6176667"   "6270582").PN.   | USPAT                  | OR | ON  | 2004/06/11 13:23 |
| S25 | 2   | "6382895".URPN.   | USPAT                  | OR | ON  | 2004/06/11 13:25 |
| S26 | 1   | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (chamber with capab\$5 with both with etch\$3 with (coat\$3 deposit\$3))    | US-PGPUB; USPAT        | OR | ON  | 2005/09/06 10:48 |
| S27 | 3   | (chamber with capab\$5 with both with etch\$3 with (coat\$3 deposit\$3))  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:32 |
| S28 | 1   | (chamber with capab\$5 with both with etch\$3 with (coat\$3 deposit\$3))  | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 13:32 |
| S29 | 2   | (chamber same ( capab\$5 with both with etch\$3 with (coat\$3 deposit\$3)))   | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 13:33 |
| S30 | 14  | (( capab\$5 with both with etch\$3 with (coat\$3 deposit\$3)))  | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 13:34 |
| S31 | 0   | cluster and (( capab\$5 with both with etch\$3 with (coat\$3 deposit\$3)))  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 13:35 |
| S32 | 239 | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (cluster)   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 14:23 |
| S33 | 1   | ("6074443").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/06/11 14:16 |
| S34 | 1   | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (etch\$3 with coat\$3 with "same chamber")                                  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 14:24 |
| S35 | 7   | ("3648653"   "4311427"   "4313815"   "4492512"   "4500407"   "4569624"   "4647266").PN.   | USPAT                  | OR | ON  | 2004/06/11 14:24 |
| S36 | 6   | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and ((multiple plural\$4 several) with (process treatment) with "same chamber") | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:08 |
| S37 | 5   | (204/298.25.ccls. 204/298.35.ccls. 414/939.ccls. 118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and (216/37.ccls.)  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:08 |
| S38 | 4   | ("4951601"   "5354715"   "5371410"   "5635244").PN.   | USPAT                  | OR | ON  | 2004/06/11 14:38 |
| S39 | 0   | "6454909".URPN.   | USPAT                  | OR | ON  | 2004/06/11 14:39 |
| S40 | 0   | "6454909".URPN.   | USPAT                  | OR | ON  | 2004/06/11 14:39 |
| S41 | 2   | "11193777"  | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 14:59 |
| S42 | 0   | "09611665"  | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 14:59 |
| S43 | 1   | "6454909"   | EPO; JPO; DERWENT      | OR | ON  | 2004/06/11 14:59 |
| S44 | 4   | (cluster) and (216/37.ccls.)  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:09 |

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|-----|-----|--|------------------------|----|-----|------------------|
| S45 | 1   | ((transfer\$4 transport\$4) with (multi\$4 plural) with chamber) and (216/37.ccls.)  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:10 |
| S46 | 2   | ((transfer\$4 transport\$4) same ((multi\$4 plural) with chamber)) and (216/37.ccls.)  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:11 |
| S47 | 12  | ((transfer\$4 transport\$4) with (substrate) with chamber) and (216/37.ccls.)  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:28 |
| S48 | 0   | "08735350"   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:29 |
| S49 | 0   | "08735370"   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 15:29 |
| S50 | 17  | "735370"   | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 16:55 |
| S51 | 13  | chang-chii-hwang.in. chen-shih-fang.in.  | US-PGPUB; USPAT        | OR | ON  | 2004/06/11 16:55 |
| S55 | 2   | (select\$3 with chamber with optimiz\$5) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 204/298.25.ccls. 204/298.32.ccls. 414/935.ccls. 414/939.ccls.)                                   | US-PGPUB; USPAT        | OR | ON  | 2004/11/30 11:07 |
| S56 | 199 | ((438/907) or (438/908)).CCLS.   | US-PGPUB; USPAT        | OR | OFF | 2004/11/30 11:08 |
| S57 | 23  | S56 and optimiz\$  | US-PGPUB; USPAT        | OR | ON  | 2004/11/30 11:08 |
| S58 | 8   | ("5795356").URPN.  | USPAT                  | OR | ON  | 2004/11/30 11:12 |
| S59 | 14  | ("5105362"   "5241465"   "5354413"   "5580419"   "5580819"   "5654903"   "5855681"   "5904487"   "5909994"   "5928389"   "6074443"   "6201999"   "6224638"   "6336204").PN.                    | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/11/30 11:45 |
| S60 | 2   | "9636459"  | EPO; JPO; DERWENT      | OR | ON  | 2004/11/30 12:47 |
| S61 | 0   | (single adj chamber) with ((multiple plural\$3) adj (process treatment))   | EPO; JPO; DERWENT      | OR | ON  | 2004/11/30 12:48 |
| S62 | 1   | ((single adj chamber) with ((multiple plural\$3) adj (process treatment))) and (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 204/298.25.ccls. 204/298.32.ccls. 414/935.ccls. 414/939.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/11/30 13:02 |
| S63 | 40  | ((single adj chamber) with ((multiple plural\$3) adj (process treatment)))   | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/11/30 13:34 |
| S64 | 1   | ("6201999").PN.  | US-PGPUB; USPAT        | OR | OFF | 2004/11/30 16:00 |
| S65 | 4   | ((("5975740") or ("5980591") or ("6122566") or ("6201998"))).PN.   | US-PGPUB; USPAT        | OR | OFF | 2004/11/30 16:00 |
| S66 | 433 | "flame hydrolysis deposition"  | US-PGPUB; USPAT        | OR | ON  | 2004/12/01 11:56 |
| S67 | 10  | ("4877396"   "5202303"   "5267850"   "5411395"   "5628181"   "6179608"   "6190158"   "6230635"   "6250915"   "6328940").PN.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/12/01 13:15 |
| S68 | 1   | ("6122566").PN.  | US-PGPUB; USPAT        | OR | OFF | 2004/12/01 13:36 |
| S69 | 1   | S68 and "chamber data"   | US-PGPUB; USPAT        | OR | ON  | 2004/12/01 13:37 |
| S70 | 0   | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and (plurality with chamber with "same" with wait\$3)  | US-PGPUB; USPAT        | OR | ON  | 2005/05/27 20:20 |
| S71 | 9   | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and (plurality with chamber with "same" with perform\$3 with process)  | US-PGPUB; USPAT        | OR | ON  | 2005/05/27 19:52 |
| S72 | 40  | (plurality with chamber with "same" with perform\$3 with process)  | US-PGPUB; USPAT        | OR | ON  | 2005/05/27 18:34 |
| S73 | 11  | ("5080971"   "5348095"   "6112818"   "6162717"   "6204203"   "6337289"   "6425444"   "6454013"   "6457532"   "6510896"   "6518203").PN.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/05/27 18:34 |

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|-----|-----|--|-------------------|----|-----|------------------|
| S74 | 5   | (plurality with chamber with "same" with perform\$3 with process)  | EPO; JPO; DERWENT | OR | ON  | 2005/05/27 18:37 |
| S75 | 23  | (plurality with chamber with "same" with (throughput efficien\$4))   | EPO; JPO; DERWENT | OR | ON  | 2005/05/27 18:40 |
| S76 | 65  | (plurality with chamber with "same" with (throughput efficien\$4))   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 18:40 |
| S77 | 390 | (156/345.31.ccls. 156/345.32.ccls. )   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 18:43 |
| S78 | 101 | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and ((computer control\$4) with (open free) with chamber)  | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:39 |
| S79 | 15  | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and ((number) with chamber with (step process) with (increas\$3 improv\$5) with (throughput efficiency)) | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 18:55 |
| S80 | 29  | cluster with chamber with (number plurality multiple) with (efficiency throughput)   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:08 |
| S81 | 0   | ("imahashi.in.").PN.   | US-PGPUB; USPAT   | OR | OFF | 2005/05/27 19:39 |
| S82 | 135 | imahashi.in.   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:40 |
| S83 | 8   | imahashi.in. and "118"/\$.ccls.  | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:40 |
| S84 | 0   | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and (process with "more than one chamber")   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:49 |
| S85 | 0   | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and ( "more than one chamber")   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:49 |
| S86 | 0   | ( "more than one chamber")   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:49 |
| S87 | 2   | cluster with (plurality number) with (deposition etching) with throughput  | US-PGPUB; USPAT   | OR | ON  | 2005/09/06 10:48 |
| S88 | 14  | (plurality number) with (deposition etching) with (efficiency throughput) with (increas\$3 improv\$3) with "same"  | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:55 |
| S89 | 2   | (plurality number) with (deposition etching) with (efficiency throughput) with (increas\$3 improv\$3) with "same"  | EPO; JPO; DERWENT | OR | ON  | 2005/05/27 19:55 |
| S90 | 8   | chamber with (efficiency throughput) with (increas\$3 improv\$3) with cluster  | EPO; JPO; DERWENT | OR | ON  | 2005/05/27 19:57 |
| S91 | 46  | chamber with (efficiency throughput) with (increas\$3 improv\$3) with cluster  | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 19:57 |
| S92 | 1   | (156/345.31.ccls. 156/345.32.ccls. 118/719.ccls.) and (216/37.ccls.)   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 20:21 |
| S93 | 5   | (cluster) and (216/37.ccls.)   | US-PGPUB; USPAT   | OR | ON  | 2005/05/27 20:21 |
| S94 | 289 | (156/345.31).CCLS.   | US-PGPUB; USPAT   | OR | OFF | 2005/09/06 10:47 |
| S95 | 2   | ((("4951601") or ("5292393")).PN.  | US-PGPUB; USPAT   | OR | OFF | 2005/05/30 14:02 |